

SARKÁNY, I.
EXCERPTA MEDICA Sec.2 Vol.9/8 Physiology, etc. Aug56

3824. SÁRKÁNY I. and KOCSÁR L. Debrecen Orvostud. Egyetem Stomatol. Klinik. és Kórélettani Intézetéből, Debrecen. *Helyi érzéstelenítés hatása a vércukorszintre és ennek befolyása a helyi érzéstelenítés során észlelt rosszullétre. Effect of local anaesthesia on blood sugar and influence of this on fainting occurring during local anaesthesia FOGORV.SZLE 1955, 48/1 (20-22)

Fainting during local anaesthesia is often accompanied by phenomena suggestive of a hypoglycaemic state. Studies on the effect of procaine (alone or with a vasoconstrictor) in 56 patients undergoing local anaesthesia failed to show any appreciable differences in blood sugar. Blood pressure measurements were also made on normal and hypoglycaemic dogs in general anaesthesia with procaine. It is concluded that hypoglycaemia is not responsible for the fainting.

Kocsár - Debrecen

KOCSAR, Laszlo, dr.,; SARKANY, Ilona, dr.

Effect of local anesthetics on blood pressure in dogs following sympathetic injury. Orv. hetil. 96 no. 44:19-20 30 Oct 55.

1. A Debreceni Orvostud. Egyetem Stomatologiai Klinik. (igaz.: Adler Peter dr. egyet. tanar) es Korelettani Intez. (igaz: Kesztyus Lorand dr. egyet. tanar) kozlem.

(SYMPATHETIC NERVOUS SYSTEM, wounds and injuries
exper., eff. on blood pressure reactivity to local
anesthetics)

(WOUNDS AND INJURIES, experimental,
sympathetic NS, eff. on blood pressure reactivity to
local anesthetics)

(ANESTHETICS, LOCAL, effects,
on blood pressure, eff. of exper. sympathetic inj. in
dogs)

(BLOOD PRESSURE,
eff. of local anesthetics in exper. sympathetic inj.
in dogs)

SARKANY, Jeno, dr.

Pediatric experiences in postwar Korea. Gyermekgyógyászat
7 no.4:97-101 Apr 56.

(PEDIATRIC DISEASES
in postwar No. Korea. (Hun))

SARKANY, Jeno, dr.

Child welfare in Bulgaria. Gyermekgyogyaszat 10 no.11:331-334
N '59.

(CHILD WELFARE)

SARKANY, Jenő, dr.; BALOGH, László, dr.

The tasks of children's wards in hospitals in the training of children's nurses. Nepegeszsegügy 43 no.7:207-210 JI '62.

1. Közlemény a Heim Pál Gyermekkorhazból és Poliklinikáról.
(EDUCATION, NURSING) (PEDIATRICS)

SARKANY, Jeno, dr.

Results of the campaign against infant mortality in Hungary.
Nepegeszsegugy 43 no.12:353-362 D '62.

1. Kozlemeny a Fovarosi Tanacs VB. Heim Pal Gyermekkorhazabol.
(INFANT MORTALITY)

SARKANY, J.

A new method for the analysis of infant mortality. Acta
paediat. acad. sci. Hung. 4 no.3:273-307 '63

1. Städtisches Pal Heim-Krankenhaus (Direktor: Dr.J.Sarkany),
Budapest.

*

HUNGARY

SARKANY, Jeno, Dr; Capital City Council, Heim Pal Children's Hospital
(Fovarosi Tanacs Heim Pal Gyermekkorhaz), Budapest.

"Infant Mortality in Budapest. The Reasons for Delay in Its Improvement
Relative to the Country."

Budapest, Orvosi Hetilap, Vol 104, No 35, 1 Sept 63, pages 1633-1340.

Abstract: [Author's Hungarian summary modified] The rate of infant mortality in Budapest can only be improved satisfactorily if the increase in the ratio of premature births is arrested and their number reduced steadily, in addition to a significant decrease in the mortality rate of premature and mature infants. In other words, a significant decrease in infant mortality can only be achieved if the biological value (vitality and tolerance in the broadest sense) is increased and such environmental conditions are developed (social, cultural conditions and further improvement of health care) which can decrease the specific mortality of groups of newborns with varied state of maturity. No references.

SARKANY, Jeno, dr.

On factors determining dynamics of infant mortality.
Gyermekgyógyászat 15 no.8:225-242 Ap '64.

1. Heim Pal Gyermekkorház.

SARKANY, J.

Protective mechanisms in overcoming the sequelae of hypoxia in newborn infants. Csek. pediat. 20 no.3:331-334 Mr '65

1. Städtisches Kinderkrankenhaus Heim Pal, Budapest.

SARKANY, Jenő, dr.

Infant mortality in Hungary in 1963. Orv. hetil. 106 no.3/4:
1457-1460 1 Ag'65.

1. Fovarosai Tanács VB, Heim Pál Gyermekkorház.

SARKANY, P.

SARKANY, P. - Preparations for the National Agricultural Exhibition; the judging of the animals presented at the exhibition has begun.
p. 21, Vol. 11, no. 13. July 1956
Magyar Mezőgazdaság - Budapest, Hungary

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4 - April 1957

SARKANY, F.

SARKANY, F. How the exhibited animals presented a better showing. p. 28.

Vol. 11, no. 15/16, Aug. 1956

MAGYAR MEZOGAZDASAG

AGRI. CULTURE

Budapest, Hungary

So: East European Accession, Vol. 6, No. 5, May 1957

SARKANY, Sandor; ~~XXXXXXXXXX~~ KISS, Iren; GRACZA, Peter

Investigation of the histogenic processes pertaining to the development of seed coat in some dicotyledonous plants. Botan kozl 49 no.1/2:32-46 '61.

1. Institut fur ^{applied botany + histogenetics} angewandte Botanik und Histogenetik der Universitat, Budapest VIII., Muzeum korut 4/a. 2. Magyar Biologiai Tarsasag Botanikai Szakosztalyanak elnoke (for Sandor Sarkany).

DANOS, Bela (Budapest, VIII., Muzeum korut 4/a); ALBEROWSKY, Ede (Budapest, VIII., Muzeum korut 4/a); SARKANY, Sandor (Budapest, VIII., Muzeum korut 4/a)

Seed and capsule yield as well as morphine production of poppy in the various regions of Hungary. Botan kozl 49 no.3/4:201-208 '62.

1. Magyar Biologiai Tarsasag Botanikai Szakosztalyanak valasztmanyi elnoke (for Sarkany).

112

SARKANY, S.

Effect of heteroauxin on the development of various plant tissues. Sándor Sárkány (Univ. Budapest, Hungary). *Botan. Közlemények* 39, 357-70(1942). --Heteroauxin solns. in a diln. of 1:15,000 caused a strong elongation in radial direction on epidermis cells of germ plants. Dilus. of 1:60,000 effected elongations in more directions. The formation of knots was observed chiefly in the medial and partly in the lower zone of hypocotyl. I. P.

ASTM-5.1.1 METALLURGICAL LITERATURE CLASSIFICATION

112

SARKANY, S.

Succulent fodder.

p. 22 (Drumul Belsugului) No. 1, Jan. 1957
Bucharest, Rumania

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

SARKANY, S.; PERCES, E.

Histogenetical observations in the stem tip of Papaver Somniferum L. In English.
p. 183.
(Acta Biologica. Vol. 7, no. 2/3, 1957. Budapest.)

SO: Monthly List of East European Accessions (EEAL) LC, Vol, 6, no. 6, June 1957. Uncl.

SARKANY, S. ; STIEBER, J.

Data on the quantitative ecologic xylography of the beech Fagus sylvatica L. I.
p. 285.

A MAGYAR TUDOMANYOS AKADEMIA V. OSZTÁLYA BIOLOGIAI CSOPORTJÁNAK KOZLEMENYEI.
Budapest, Hungary. Vol. ... No. 3, 1958.

Monthly List of East European Accessions (EEAI). LC, Vol. 9, No. 1, Jan. 1960
Uncl.

SARKANY, S.; ANDRASFALVY, A.; RIEDEL, L.F.

Data on growth and development in the poppy. Acta agronom Hung
9 no.3/4:341-362 '59. (EEAI 9:7)

1. Institute for Applied Botany and Histogenetics, Eotvos Lorand
University, Budapest.
(Hungary--Poppy)

SARKANY, Sandor

An account of the Vacratot conference on plant anatomy, September 10-12, 1958. Botan kozl 48 no.1/2:150-152 '59.

1. Eotvos Lorand Tudomanyegyetem Alkalmazott Novenytani es Szovetfejlodestani Intezete, Budapest, VIII., Muzeum korut 4/a, es Magyar Biologiai Tarsasag Botanikai Szakosztalyanak elnoke.

SARKANY, Sandor

In commemoration of Wilhelm Hofmesiter, founder of modern plant
ontogeny and embriology. Biol kozl 8 no.1:95-100 '60.

*

SARKANY, Sandor

The 3d itinerant meeting of the Hungarian Biological Society.
Biol kozl 8 no.1:89-93 '60.

SARKANY, Sandor, dr.

Some words about the series of sessions arranged by the paleobotanical section. Foldr kozl 10 no.4:375-377 '62.

SARKANY, Sandor (Budapest, VIII., Muzeum korut 4/a)

Historical development of research on plant cytology, histology and morphology in Hungary in the mirror of the 60-year-old "Botanikai Kozlemenyek." Botan kozl 51 no.2/3:65-73 Ag '64.

1. Executive Committee Member, Division of Botany, Hungarian Biological Society, and Editorial board member, "Botanikai Kozlemenyek."

Botany

HUNGARY

SARKANY, Sandor; Eotvos Lorand University, Department of Applied Botany and Tissue Development (ELTE -- Eotvos Lorand Tudomanyegyetem --, Alkalmazott Novenytani es Szovetfejlodestani Tanszek), Budapest.

"State and Results of the Fine Structural, Cytological and Histological Research Involving Plants in Hungary."

Budapest, A Magyar Tudomanyos Akademia Biologiai Tudomanyok Osztalyanak Kozlemenyei, Vol IX, No 3-4, 1966, pages 301-308.

Abstract: The report includes the fine-structure research involving plants as well as the directions of light-microscopic, cytological and histological studies, in Hungary, and a summary of the results achieved. A list of the 4 establishments is provided which participate in work on the main research topic entitled: Comparative histology and Development of Plants. In addition, basic or applied research related to the general problem is conducted at 11 more institutions the names of which are also listed. The domestic trends in various facets of these investigations and some of the more important results are discussed in some detail. No references.

1/1

SARKANY, Tamas; MARGITTAI, Pal; MELEG, Jozsef; FOKAS, Elemer

Linear problems of microwave connections: also, remarks by P.Margittai,
J.Meleg, and E.Fokas. Muszaki kozl MTA 26 no.1/4:35-53 '60.
(EEAI 9:10)

1. Tavkozlesi Kutato Intezet (for Sarkany)
(Radio) (Microwaves)

DALLOS, Andras, a muszaki tudomanyok kandidatusa; BUDINCSEVITS, Andor;
KENCZLER, Odon; ERDELYI, Janos; SARKANY, Tamas

Hungarian products of the vacuum technique for microwave installations; also, remarks by A.Budincsevits, and others. Muszaki kozl
MTA 26 no.1/4:57-70 '60. (EEAI 9:10)

1. Tavkozlesi Kutato Inteset (for Dallos)
(Hungary--Electron tubes)
(Microwaves)

9.3274

21704

H/009/61/000/002/001/002
D020/D105

AUTHOR: Sárkány, Tamás, Doctor, Member(see Association)
TITLE: New method for measuring AM-to-PM conversion and AM suppression
PERIODICAL: Magyar Híradástechnika, no. 2, 1961, 45-50

TEXT: The abstract which is an excerpt from the author's thesis, presents a new quick direct-reading measuring method of AM-to-PM conversion and of AM suppression of intermediate frequency and microwave amplifiers used in microwave systems, under operating conditions. The new method is based on the phenomenon that a phase difference depending on the characteristics of the circuit and distortion is produced in the AM-PM conversion. This is, however, not mentioned in any literature. For the development of the new measuring method, it was necessary to determine the sideband amplitudes at a given phase difference between two modulations since the sideband amplitude equations used in the literature are applicable only when the signals producing AM and PM are in phase. (Ref. 3: Sárkány Tamás: Új mérő módszer AM-PM konverzió és AM-kompresszió mérésére, kandidátusi értekezés, Budapest 1960). If the phase

Card 1/26
9

21784
H/009/61/000/002/001/002
D020/D105

New method for measuring AM-to PM conversion and AM suppression

difference is ϕ between the modulations AM plus FM or AM plus PM, the amplitude relation of the upper sideband and carrier wave is expressed by

$$F = \frac{1}{2} \sqrt{m^2 + \Theta^2 + 2m\Theta \cos \phi} \quad (4a)$$

and the amplitude relation of the lower sideband and the carrier wave by

$$A = \frac{1}{2} \sqrt{m^2 + \Theta^2 - 2m\Theta \cos \phi} \quad (4b)$$

where F is amplitude of the upper sideband; m, index of amplitude modulation equal to modulation depth; Θ , index of angle modulation equal to the rate of frequency sweep and modulating frequency in case of phase modulation; A, amplitude of the lower sideband. On the basis of the

$$\cos \phi = - \cos (\pi - \phi)$$

Card 2/16

21784

H/009/61/000/002/001/002
D020/D105

New method for measuring AM-to-PM conversion and AM suppression

relation, the 4a and 4b equations can be expressed:

$$(2F)^2 = m^2 + \Theta^2 - 2m\Theta \cos(\pi - \phi) \quad (5a)$$

$$(2A)^2 = m^2 + \Theta^2 - 2m\Theta \cos \phi \quad (5b)$$

These equations make it possible to explain the sideband amplitudes geometrically as shown in Fig. 1 from which the following three theorems can be drawn: (1) The sideband amplitudes are generally different except when the phase difference between the two modulations is 90° or 270° , in which cases both amplitudes are identical and not dependent on the two modulation indexes. (2) Supposing the AM index is fixed and the phase difference between the two modulations is 90° or 270° , the two sideband amplitudes will have a minimum value if the PM index is 0. (3) One of the sidebands disappears when (a) the indexes of both modulations are identical, and (b) when the phase difference is 0° or 180° . The lower sideband

Card 3/16

21784

H/009/61/000/002/001/002
D020/D105

New method for measuring AM-to-PM conversion and AM suppression

disappears when the phase difference is 0° , the upper sideband when the phase difference is 180° . For the purpose of measuring, the input of the amplifier is connected to a generator which produces signals whose carrier wave is modulated simultaneously in amplitude and phase. The AM index of the input signal is set at a value, e.g. 1 decibel, which is selected for the examination of circuit, while the PM index and the phase difference between the two modulations are adjusted so that PM of the input signal just compensates the MP produced by the circuit. While being adjusted, both sideband amplitudes of the output signal are observed with a special wave spectrum analyzer. The measuring is based on compensating the unknown phase modulation of the output signal with the known input phase modulation. The compensation occurs when the amplitudes of both sidebands are equal and, at the same time, have a minimum value compared with other settings. The compensation process is shown in Fig. 1 and 2. The arrangement in Fig. 1 corresponds to the uncompensated stage when the amplitudes of the two sidebands are different. Fig. 2 shows equal sideband amplitudes of which, however, only one fulfills the condition of compensation, i.e. it also has simultaneously the minimum sideband

Card 4/16

21784

H/009/61/000/002/001/002
D020/D105

New method for measuring AM-to-PM conversion and AM suppression

amplitude value and results in equal values of the input signal phase modulation and the unknown phase modulation of the output signal. This condition is brought about by setting the Θ_b and ϕ_b values as shown in

Fig. 2. The value of the AM-PM conversion can be read directly in degrees and decibels from the 2 instruments indicating AM and PM of the generator. The phase of AM to PM conversion is indicated on the scale of the shifter used for adjusting the phase difference between the two modulations. Since the spectrum lines are produced by a clear AM signal, the AM index of the output signal is the double of the amplitude relation of the sideband and carrier wave, as expressed by the equation

$$F = A = \frac{1}{2}m$$

Since the amplitude relation can be measured by setting the divider of the spectrum analyzer, the AM suppression can be read in decibels from the

Card 5/16

21784

H/009/61/000/002/001/002
D020/D105

New method for measuring AM-to-PM conversion and AM suppression

divider scale of the analyzer if the AM index of the input signal is known. Measuring of the AM-PM conversion and the AM suppression is thus a sideband measuring method based on a highly accurate measuring of the attenuation. The new measuring equipment includes an i-f modulator with variable phase difference shown in Fig. 4a, producing the AM plus PM signal for the circuit to be measured, and an i-f spectrum analyzer shown in Fig. 4b, showing the usual spectrum as on oscillogram b in Fig. 3 at "NORMAL" setting, and a spectrum as on oscillogram c in Fig. 3 at "OLDALSAV" setting. ⁷Abstracter's note: "NORMAL" and "OLDALSAV" = sideband are the Hungarian markings on the equipment. The equipment is suitable for measuring the AM-to-PM conversion and AM suppression in i-f amplifiers, and, by attaching a heterodyne unit consisting of 2 mixers fed by the same klystron as shown in Fig. 4c, also for measuring the conversion and suppression in microwave amplifiers. Data of the three measuring devices shown in Fig. 4 a, b and c are: (1) i-f frequency data — frequency band, between 65 and 75 Mcps; input and output level, 0.5 v ± 3 decibels; connection, 75-ohm coaxial cable; and (2) microwave data —

Card 6/16

21784

H/009/61/000/002/001/002
D020/D105

New method for measuring AM-to-PM conversion and AM suppression

frequency band, depending on the klystron and microwave filters; input and output level, between -40 and -20 decibel m; connection, 50-ohm coaxial cable. Measuring frequency can be switched to 7 values within a 1.2 - 8.4 Mcps range, including all frequency-multiplex basic bands up to 1,920 channels. Conversion measuring range is between 0.25 and 10 degrees per decibel. Suppression measuring range is between 0 and 40 decibels. Oscillograms in Fig. 5 show the spectrum of (a) a clear AM-signal when AM = 1 decibel; (b) blasting due to increased amplification and (c) the signal at "OLDALSAV" setting at unchanged amplification. Oscillograms in Fig. 6 show the procedure of measuring an i-f limiter circuit, i.e. (a) at "NORMAL" setting with the divider of the analyzer set at high attenuation; (b) at a decrease of the divider attenuation by 25 decibels and (c) at such a generator PM amplitude and phase adjustment that the sidebands are minimum and equal and the attenuation decreased beyond the mentioned 25 decibels until the equal amplitude of both sidebands reaches the original carrier wave amplitude. The conversion in oscillograms shown in Fig. 6 was 1.5 degrees per decibel and the suppression

Card 7/16

21781
H/009/61/000/002/001/002
D020/D105

New method for measuring AM-to-PM conversion and AM suppression

18 decibels. The advantages of the new sideband measuring method are the direct reading of both, the conversion and suppression, the use of only one modulated generator and, since no calculations with formulas are required, a high accuracy of measurements. This accuracy is proportional to the accuracy of attenuation measurements. The new equipment has been produced by the Távközlési Kutató Intézet (Telecommunication Research Institute) as part of the instrument development program of the GTT 4000/A, GTT 4000/600 and the DRUZSBA microwave equipment. Circuits of the i-f spectrum analyzer have been designed by József Meleg; circuits of the i-f modulator by Pál Margittai; microwave section of the heterodyne unit by Tibor Bercei, Candidate of Technical Sciences and the electronic section by András Baranyi. There are 6 figures and 12 references: 6 Soviet-bloc and 6 non-Soviet-bloc. The four most recent English-language publications read as follows: A. Hund: Frequency Modulation (McGraw-Hill, New York, 1942), p. 40; J.P. Laico, H. L. McDowell, C. R. Moster: A Medium Power Traveling-Wave Tube for 6,000-Mc Radio Relay, Bell System T.J., 1956. nov. p. 145; C.F. Augustine, A. Slocum: 6 kMc Phase

Card 8/16

21784
H/009/61/000/002/001/002
D020/D105

New method for measuring AM-to-PM conversion and AM suppression

Measurement System for Traveling Wave Tubes, IRE Trans. PGI-4, okt. p. 145;
B. Håard: Some Design Problems in FM Broadband Microwave Systems, Alta Fre-
quenza, 1958. jul-aug., p. 256.

ASSOCIATION: Híradástechnikai Tudományos Egyesület (Telecommunication En-
gineering Scientific Association); Távközlési Kutató Intézet
(Telecommunication Research Institute).

Card 9/16

9

SARKANY, Tamas, dr.

International Conference on Electronics, New York.
Hir techn 15 no.9:285 S '64.

SHARKAN', Tamash [Sarkany, Tamas], doktor

New method for suppressing amplitude modulation and conversion of
AM to PM. Radiotekhnika 19 no.8:59-65 Ag '64. (MIRA 17:9)

SARKANY, Tibor, dr

Roentgenographic localization of residual roots in the edentulous
mouth. Fogorv. szemle 47 no.6:190-191 June 54.

(TEETH,

x-ray localization of residual roots in edentulous)

SARKANY-KISS, I.

1. "The Proteins, Their Structure and Function," P. SARKANY-KISS of the Institute of Biochemistry and Biophysics, Hungarian Academy of Sciences, Budapest, pp. 271-289.
2. "Thrombolytic Agents as Specific Agents," Dr. KALAMAZ, UDBM, Budapest, pp. 289-296.
3. "On a Validated Reaction for the Qualitative Detection of Barbiturates and Thiobarbiturates," Dr. KALAMAZ, UDBM, Budapest, pp. 297-309.
4. "Contribution to the Determination of 1,5-Dihydroxyanthracene (DHAN) and Chrysanthemum in Pharmaceutical Preparations," Dr. S. SARKANY-KISS of the Institute of Pharmacology of the Hungarian Academy of Sciences (Hungarian Academy of Sciences), Budapest, pp. 277-289.
5. "Contribution to the Qualitative and Quantitative Determination of the Hydrolysis of the Enzyme of the Hungarian Academy of Sciences (Hungarian Academy of Sciences), Budapest, pp. 289-296.
6. "Studies on the Enzymatic Action of the Enzyme of the Hungarian Academy of Sciences (Hungarian Academy of Sciences), Budapest, pp. 289-296.
7. "Contribution to the Qualitative and Quantitative Determination of the Enzyme of the Hungarian Academy of Sciences (Hungarian Academy of Sciences), Budapest, pp. 289-296.
8. "On the Enzymatic Action of the Enzyme of the Hungarian Academy of Sciences (Hungarian Academy of Sciences), Budapest, pp. 289-296.
9. "Plant-Genetic Investigation of the Application of the Enzyme of the Hungarian Academy of Sciences (Hungarian Academy of Sciences), Budapest, pp. 289-296.

TYIHAK, Erno (Budapest, XII., Daniel ut 40); SARKANY SANDORNE KISS, Iren
(Budapest, XII., Daniel ut 40)

Histochemical analysis of prohamazulene content of camomile. Botan
kozl 49 no.3/4:209-213 '62.

TYIHAK, Erno; SARKANY SANDORNE KISS, Iren

Distribution of volatile oil components in camomile plants.
Botan kozl 50 no.4:175-178 D'63.

1. Gyogynoveny Kutato Intezet, Budapest, XII., Daniel ut 40.

HUNGARY

SOMOGYI, Gyorgy, Dr, technical assistant: SARKADI, Janos (Mrs); Medical University of Budapest, II. Medical Clinic (director: GOMORI, Pal, Dr) (Budapesti Orvostudományi Egyetem, II. Belklinika)

"Inhibition of the I^{131} Uptake by the Thyroid with D-Thyroxine in Hyperthyroid and Euthyroid Subjects"

Budapest, Orvosi Hetilap. Vol 107, No 11, 13 Mar 66, pages 499-500

Abstract: [Authors' Hungarian summary] The measurement of I^{131} uptake by the thyroid is reported, following the administration of D-thyroxine for 3 days, in 10 hyperthyroid subjects and in 12 subjects with a high I^{131} uptake who were clinically classified as euthyroid. In the hyperthyroid group, the radioactive uptake did not change in response to D-thyroxine administration while in the euthyroid subjects there was a 50 per cent decrease in uptake in comparison with the previous value. All 7 references are Western.

SARKAR, S.

Oxygen-containing functional groups determined in coals. Khim.i
tekh.topl.i masel 5 no.12:31-36 D '60. (MIRA 13:12)

1. Khar'kovskiy politekhnicheskii institut im. V.I.Lenina.
(Coal--Analysis) (Oxygen compounds)

SARKAR, SAMIR, Cand Chem Sci -- (diss) "Investigation of the
Rearrangements of Coals in the Processes of Their Destruction,"
Khar'kov, 1960, 22 pp, 160 copies (Khar'kov Polytechnical Institute
im V. I. Lenin, Chair of Chemical Technology of Fuel) (KL, 46/60, 124)

SARKAR, S.Ch.

New data on the study of rare minerals in the southern part
of the Singhum copper belt (India). Vest. Mosk. un. Ser.
4: Geol 18 no.5:37-43 S-0'63. (MIRA 17:2)

1. Kafedra poleznykh iskopayemykh Moskovskogo universiteta.

SARKAR, S.K.

Transient torsional couple applied on the circular surface of
a semi-infinite visco-elastic medium. Bul Ac Pol tech 12
no.7:457-462 '64.

1. Presented by W. Olszak.

MAMIKONYANTS, Mkrtych Konstantinovich; YUSUFOV, Iskendir Mamedovich;
SARKAROV, U.A., red.

[Organizing accounting in contracting construction organizations
of the petroleum industry] Praktika organizatsii ucheta v pod-
riadnykh stroitel'nykh organizatsiakh neftianoj promyshlennosti.
Baku, Azerbaidzhanskoe gos.izd-vo neft. i nauchno-tekh.lit-ry,
1956. 446 p. (MIRA 12:10)

(Petroleum industry--Accounting)

IL'INA, G.S.; MEVZOS, L.M.; FINOGENOVA, Ye.V.; SARKAS'YANTS, S.A.

Virological description of the 1959 influenza epidemic in
Tashkent. Vop. virus. 5 no. 6:748 N-D '60. (MIRA 14:4)
(TASHKENT—INFLUENZA)

SARKAZOV, M. A.
USSR/Chemistry

Card 1/1

Authors : Zhdanov, A. K.; and Sarkazov, M. A.

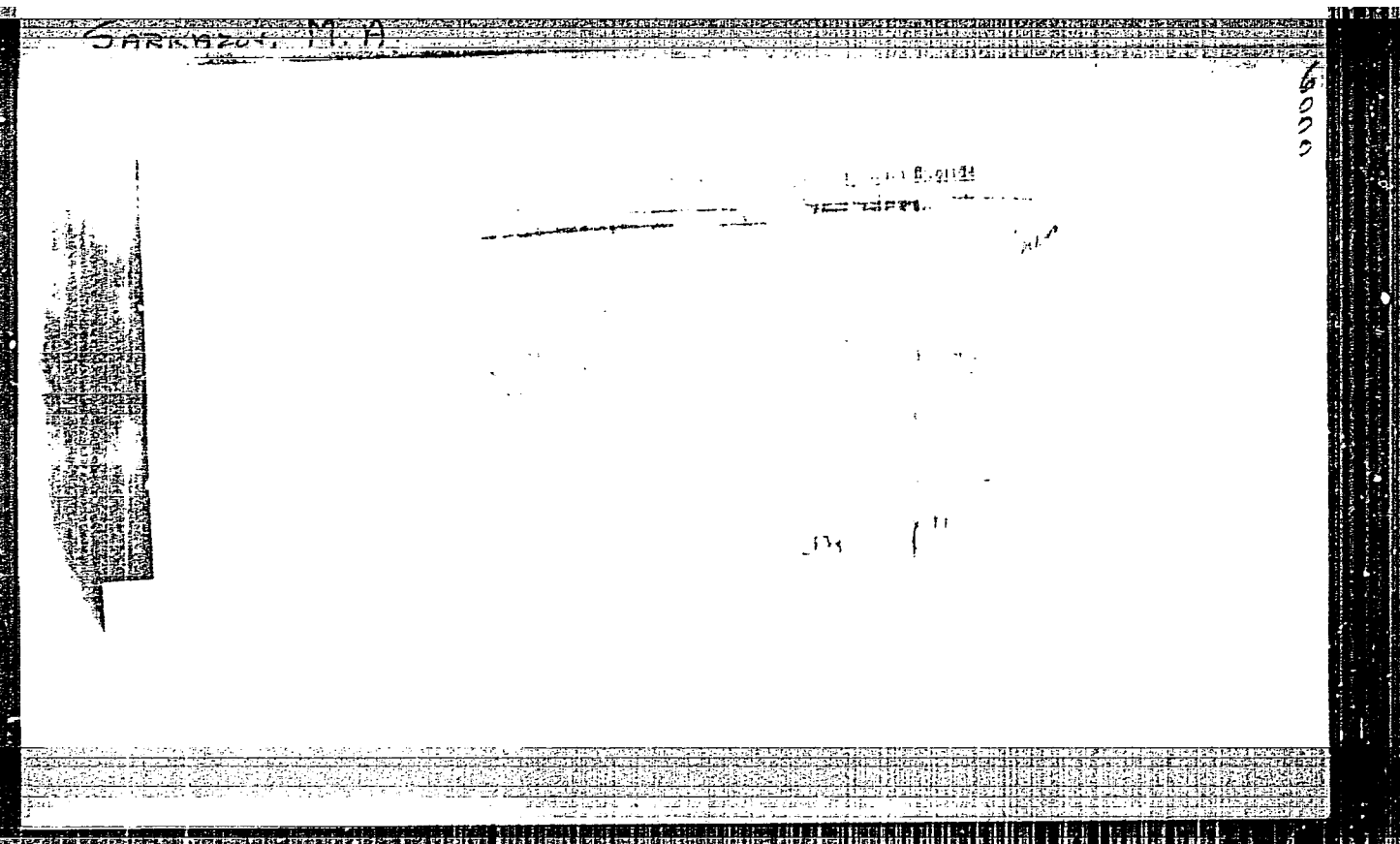
Title : Solubility in the water - ethyl alcohol - ammonia bifluoride system at 25°

Periodical : Zhur. Ob. Khim 24, Ed. 5, 759 - 762, May 1954

Abstract : The solubility in the water - ethyl alcohol - ammonia bifluoride system at 25° was determined experimentally. The solubility of ammonia bifluoride in water was established at 0, 25, 40, and 50°. Anhydrous ammonia bifluoride represents the solid phase in the ternary system water - ethyl alcohol - ammonia bifluoride at 25°. The solubility of ammonia bifluoride in water-alcohol mixtures decreases with the increase in the alcohol content of the mixture and reaches (at 25°) a value of 1.73 weight % in the presence of 90% alcohol as compared with 43.73 weight % obtained in pure water. Three USSR references. Tables, graph.

Institution : Central Asiatic State University

Submitted : September 26, 1953



BAGDONAITE, A.; GALINIS, V.; JANKEVICIENE, R.; LEKAVICIUS, A.;
NATKEVICIUTE-IVANAUSKIENE, M.; PIPINYS, J.; PURVINAS, E.;
RIBOKAITE, R.; SNARSKIS, P.; STANCEVICIUS, A.; SARKINIENE, I.;
ZIEMYTE, E., red.; ANAITIS, J., tekhn. red.

[Flora of the Lithuanian S.S.R.] Lietuvos TSR flora. Autoriu
kolektyvas: A. Bagdonaite ir kiti. Vilnius, Valstybine politi-
nes ir mokslines literaturos leidykla. Vol. 2. 1963. 714 p.
(MIRA 16:9)

1. Lietuvos TSR Mokslu Akademija, Vilna. Botanikos institutas.
(Lithuania--Angiosperms)

SARKISYAN, V. (Yerevan); MOVSISYAN, L.A. (Yerevan).

Determining critical loads for anisotropic plates. Inzh. zhur.
5 no.4:777-782 '65. (MIRA 18:9)

SARKHOSHYAN, A. S.

"The Cultivation of Second Crops Under the Irrigated Conditions of the Foothill Zone and Ararat Lowlands in the Armenian SSR." Cand Agr Sci, Acad Sci Armenian SSR, Yerevan, 1953. (RZhBiol, No 7, Dec 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12)
SO: Sum. No. 556, 24 Jun 55

CHEPELEVSKIY, V.; SARKHOSH'YAN, G.

Special exhibition "New techniques in the repairing of units
of motor vehicles." Avt.transp. 40 no.9:58 S '62.

(MIRA 15:9)

(Motor vehicles--Maintenance and repair)

SARKHOSH'YAN, G., inzh.; GURMAN, V., inzh.

Centralized delivery of repaired engines. Avt.transp. 41 no.4:
27-38 Ap '63. (MIRA 16:5)
(Shuya—Motor vehicles—Maintenance and repair)

~~SARKHOSH'YAN, G.N.~~ PARANOV, M.S.; ROSTOSHINSKIY, M.S.; ORLOVSKIY, V.I.;
MAL'KOVA, N.V., tekhnicheskiiy redaktor.

[Repair techniques and equipment for repairing automobiles;
practices of Moscow automobile repair shops] Tekhnologiya
remonta i prispособleniya dlia remonta avtomobilei; iz opyta
moskovskikh avtoremontnykh predpriatii. Izd.2-oe. Moskva,
Nauchno-tekhn.izd-vo avtotransp.lit-ry, 1957. 10 p.

1. Moscow. Nauchno-issledovatel'skiy institut avtomobil'nogo
transporta.

(Automobiles--Maintenance and repair)

KOSTIN, K.A., starshiy inzh.; SARKHASH'YAN, G.N., otv. za vypusk; KOGAN, F.L., tekhn.red.

[Equipment for the maintenance and repair of automobiles] Pri-
sposobleniia dlia tekhnicheskogo obsluzhivaniia i remonta avtomo-
bilei; iz opyta raboty 2-go Leningradskogo avtobusnogo parka.
Moskva, Nauchno-tekhn.izd-vo avtotransp. lit-ry. No.5. 1957.
19 p. (MIRA 12:5)

1. Moscow. Gosudarstvennyy vsesoyuznyy nauchno-issledovatel'skiy institut avtomobil'nogo transporta. Leningradskiy filial.
2. Leningraskiy filial Nauchno-issledovatel'skogo instituta avtomobil'nogo transporta (for Kostin).

SARKHOSH'YAN, G., inzh.

Machine tools for grinding crankshaft journals. Avt. transp. 36
no. 6:54-55 Jg '58. (MIRA 11:7)
(Great Britain--Grinding machines)

SARKHOSH'YAN, G.N.. Prinimali uchastiye: ROZENBERG, L.I.; ZHELIKHOVSKAYA, A.I.; GURMAN, V.S.; LOBUSHEV, V.D.; BODRILIN, A.P., red.; DONSKAYA, G.D., tekhn.red.

[Technical specifications for repairing, assembling, and testing the MAZ-200 and MAZ-205] Tekhnicheskie usloviia na remont, sborku i ispytanie avtomobilei MAZ-200 i MAZ-205. Moskva, Avtotransizdat, 1959. 174 p. (MIRA 13:5)

1. Moscow. Nauchno-issledovatel'skiy institut avtomobil'nogo transporta. 2. Nachal'nik otdela remonta avtomobiley Gosudarstvennogo nauchno-issledovatel'skogo instituta avtomobil'nogo transporta (for Sarkhos'yan). (Motortrucks--Maintenance and repair)

SARKHOSH'YAN, G. N. inzh.

Consolidation of motor-vehicle repair enterprises is needed.
Avt.transp. 38 no.8:26-27 Ag '60. (MIRA 13:8)
(Motor vehicles--Maintenance and repair)

S/137/61/000/012/091/149
A006/A101

AUTHORS: Sarkhosh'yan, G., Rostoshinskiy, M.

TITLE: A seminar on the mechanization of welding operations

PERIODICAL: Referativnyy zhurnal. Metallurgiya, no. 12, 1961, 1, abstract 12E5
("Avtomob. transport", 1961, no. 8, 54 - 55)

TEXT: At the Ivanovo Automobile Repair Plant of the GARO Trust a seminar was held pertaining to the state and outlooks of mechanization and automation of welding and building-up operations in automobile repair. The purpose of the seminar was to acquaint its participants with modern automatic and semi-automatic welding methods, employed in the auto repair industry, and to demonstrate these methods on the equipment of the Plant. The necessity is noted of centralizing the supply of the automobile repair plants with welding equipment and of improving the labor organization at these plants. ✓

Ye. Terpugov

[Abstracter's note: Complete translation]

Card 1/1

SARKHOSH'YAN, G.

Cleaning gun. Avt. transp. 39 no.4:51 Ap '61. (MIRA 14:5)
(Pneumatic tools) (Motor vehicles—Maintenance and repair)

SARKHOSH'YAN, Gurgan Nikitovich; YABLOKOV, V.I., red.; BODANOVA, A.P.,
tekh.n.red.

[Efficient organization and improvement of technological
processes in the overhauling of motor vehicles] Ratsional'-
naia organizatsiia i sovershenstvovanie tekhnologii kapi-
tal'nogo remonta avtomobilei. Moskva, Nauchno-tekhn.izd-vo
M-va avtomobil'nogo transporta i shosseinykh dorog RSFSR,
1962. 32 p. (MIRA 15:5)
(Motor vehicles--Maintenance and repair)

DONSKOY, Dmitriy Ivanovich; SARKHOSH'YAN, Gorgen Nikitovich;
NIKOLAYEV, A.D., red.; BODANOVA, A.P., tekhn. red.

[Repair of the engine of the M-21 "Volga" automobile] Remont
dvigatel'ia avtomobil'ia M-21 "Volga." Moskva, Avtotransizdat,
1962. 153 p. (MIRA 15:9)
(Automobiles--Maintenance and repair)

SARKHOSH'YAN, G.N., inzh.; GAL'PERIN, M.Ya., inzh.

Mechanized welding in the repair of automobile assemblages. Svar.
proizv. no.9:29-32 S '63. (MIRA 16:10)

1. Nauchno-issledovatel'skiy institut avtomobil'nogo transporta
(for Sarkhosh'yan). 2. Institut mashinovedeniya AN SSSR (for
Gal'perin).

CHEPELEVSKIY, Vladimir Natanovich; TUMANOV, Ivan Alekseevich;
SARKHOSH'YAN, Gurgen Nikitovich; RUMYANTSEV, Aleksey
Nikolayevich; KLEVENSKIY, Aleksandr Iosifovich;
BELOTSERKOVSKAYA, S.I., red.; SHUPLYAKOV, S.I., red.

[New developments in the technology and equipment used
in motor-vehicle repair] Novoe v tekhnologii i oborudo-
vanii dlia remonta avtomobilei. Moskva, Transport, 1964.
127 p. (MIRA 18:1)

GURMAN, Viktor Samuilovich; SARKHOSH'YAN, Gorgen Nikitovich;
BUMSHTEYN, S.I., red.

[ZAZ-965 "Zaporozhets" automobile; design, operation,
maintenance and repair] Avtomobil' ZAZ-965 "Zaporozhets";
ustroistvo, upravlenie, tekhnicheskoe obsluzhivanie i re-
mont. Moskva, Transport, 1964. 210 p. (MIRA 17:8)

DISPATCHES DWT(w)/DWP(v)/DWA(d)/DWP(v)/T/DWP(t)/DWP(k)/DWP(b) T1-4 JD/HM

1. TITLE: DWT(w)/DWP(v)/DWA(d)/DWP(v)/T/DWP(t)/DWP(k)/DWP(b) T1-4 JD/HM

2. AUTHOR: DWT(w)/DWP(v)/DWA(d)/DWP(v)/T/DWP(t)/DWP(k)/DWP(b) T1-4 JD/HM

3. SUMMARY: DWT(w)/DWP(v)/DWA(d)/DWP(v)/T/DWP(t)/DWP(k)/DWP(b) T1-4 JD/HM

ABSTRACT: The mechanical properties of low-carbon thin sheets joined by different welding methods were determined. 0.9 mm thick '08' steel specimens

L 32L54-65

ACCESSION NR AP4047224

2

... per unit length and reduction decreased appreciably. The highest fatigue li-

art. has: 5 figures and 2 tables.

ASSOCIATION: [Gal'peria] NIImashinovedeniya (Scientific Research Institute for
Machine Building); [Sarkosh'yan] NIIA? (Scientific Research Institute of Automation)

BARDIN, Anatoliy Nikolayevich; GLEZAROVA, I.L., redaktor; SARKIN, I.G.,
zasluzhennyy deyatel' nauki, professor, redaktor; MEDVEDEV, N.K.,
kandidat khimicheskikh nauk, redaktor; IVANOV, L.V., inzhener,
redaktor; CHURILOVSKIY, V.N., doktor tekhnicheskikh nauk, pro-
fessor; KAPUSTINA, T.P., kandidat tekhnicheskikh nauk, dotsent;
ROMANOVA, L.V., kandidat tekhnicheskikh nauk, dotsent; BOKIN, P.Ya.,
inzhener; POLLYAK, V.V., kandidat tekhnicheskikh nauk, redaktor;
PANOVA, L.Ya., tekhnicheskiy redaktor.

[Technology of optical glass] Tekhnologiya opticheskogo stekla.
Moskva, Gos. izd-vo lit-ry po stroitel'nym materialam, 1955. 494 p.
(Glass, Optical) (MLRA 9:1)

3/3

SARKIN, I. G.

1/1/1950, A-1.

AUTHOR: Bol'shatov, V. D., Candidate of Technical Sciences
TITLE: Scientific and Technical Conference of MICA i K (Maichno-
 tekhnicheskaya konferentsiya MICA i K) I
PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy, Geodesiya i
 aerofotogrammetriya, 1958, No. 2, pp 111-114 (USSR)

ABSTRACT: From April 24 to 26 a scientific and technical conference of the MICA i K (Institute of Geodesy, Aerophotography, and Cartography, Moscow) was held in Moscow. Furthermore, there were four sections in operation: on geodesy, aerophotography, cartography, and on the production of photogrammetrical instruments. More than 200 delegates from 45 institutes took part in the conference at which 28 lectures were given. 20 delegates participated in the discussions. The opening speech was made by the Director of the MICA i K, Professor P. S. Zakharov, Doctor of Technical Sciences. The first paper read was that by A. I. Burnov, Professor of Technical Sciences, spoke on "The Setup and the Leveling Principles of the Geodetic Basic Network of the USSR." A. M. Litvinov, Professor, read a paper on "The Elaboration of Geodetic Coordinates in Some Kinds of Geodetical Networks (on the Basis of the Data Directly Measured in the Ellipsoid)." M. S. Muz, of the Data Directly Measured in the Ellipsoid, spoke on "The Accuracy of the Data Directly Measured in the Ellipsoid." V. G. Solikhanovich, Doctor, Candidate of Technical Sciences, spoke on "The Life and Scientific Work of A. P. Bolotov." V. D. Bol'shatov, "Optical Measurement of Distances Under Precise Conditions." I. V. Yakovlev, Assistant, Doctor of Technical Sciences, spoke on "The Method of Determining the Methodology of High-Precision Goniometry in First-Class Triangulation." M. Ya. Bobin, "On the Problem of Determining Some Elements of Inner Orientation of Wide-Angle and Super-Wide Angle Aerial Cameras." A. K. Pavlov, Graduate Student, spoke on "On a Level Device With a Freely Suspended Reflector." A. S. Dvornikov, Graduate Student, spoke on "An Investigation of the Film Smoothing Device With Supporting Rollers." L. M. Vasil'yev, Graduate Student, "Stereocooperator With Electrical Corrections." V. Ya. Mikhaylov, Doctor, Candidate of Technical Sciences, spoke on "On the Change of Scale of Aerial Photographs Resulting from Enlargement." P. V. Zakharov, "On the Distinctive Capabilities of the High-Speed Shutter." I. G. Pavlov, "On the State of Physical-Mathematical Theory of the Present Position of Measuring Tools." S. M. Golovinskiy, "On Improving the Production of Measuring Tools." On Instruments for the Precise Measurement of Distances." V. S. Mikhaylov, Assistant, "Fixed Tests With the Optical Range Finder G38-1." V. S. Usor, Assistant, "On the Study of Inaccuracies in the Focusing Devices of Telescopes." M. K. Volkov, Professor, Doctor of Geographical Sciences, "Some Remarks on Engraving in the Production Process of Original Maps."

Card 1/3

Card 2/3

Card 3/3

SARKIN, I. G., Prof.

"Physical and Mathematical Theses of the Theorem on the Accuracy of the Apparatus as a Means of Measurements"

report presented at a Scientific-Technical Conference at Moscow Inst. of Geodesy, Aerial Photography and Cartography Engineers, 24-26 April 1958.
(Geodeziya i kartografiya, no. 6, pp. 79-80, 1958)

SARKIN, I. G.

PHASE I BOOK EXPLOITATION

80V/4397

Nauchno-tekhnicheskoye obshchestvo priborostroitel'noy promyshlennosti

Priborostroyeniye i izmeritel'naya tekhnika (Instrument Manufacture and Measurement Technique) Moscow, Mashgiz, 1960. 462 p. Errata slip inserted. 3,000 copies printed.

Ed.: A.N. Gavrilov, Doctor of Technical Sciences, Professor; Tech. Ed.: A. Ya. Tikhanov; Managing Ed. for Literature on Machine and Instrument Construction (Mashgiz): N.V. Pokrovskiy, Engineer.

PURPOSE: This collection of articles is intended for scientific and technical personnel in the instrument industry.

COVERAGE: The 23 articles deal with the present state and the outlook for the development of instrument manufacture and measurement technique. New problems of design, construction, and manufacture of instruments are discussed in the first two sections. Emphasis is given to problems of automation and mechanization of production and to the application of new techniques in program control, ultrasonics, and chipless working of metals. The third section deals with new

Card 1/6

Instrument Manufacture and Measurement Technique

SOV/4397

measurement methods involving the use of ultrasonics and radio isotopes. Some theoretical aspects of metrology and measurement technique are also discussed in this section. No personalities are mentioned. References accompany several of the articles.

TABLE OF CONTENTS:

Foreword

3

Loginov, L.I., Engineer. Development of Instrument Manufacture in the Soviet Union

5

DESIGN AND CONSTRUCTION

Sarkin, I.G., Professor. Fundamentals of the Design of Precision Instruments

19

Braslavskiy, D.A., Candidate of Technical Sciences, and A.M. Yakubovich, Engineer. Improvement of Dynamic Characteristics of Sensitive Elements by Means of Feedback

55

Card 2/6

Instrument Manufacture and Measurement Technique

80V/4397

Urazayev, Z.F., Candidate of Technical Sciences. Effect of Loading on the Friction Moment of Ball Bearings Used in Gyroscopic Instruments

77

Vykhodtsev, N.A., Candidate of Technical Sciences. Estimating the Magnitude of Backlash in Small-Module Spur Gearing Used in Servo Systems

91

Oykher, M.A., Candidate of Technical Sciences. Conditions for Improving the Stability of Magnetolectric Instruments

100

GoncharSKIY, I.A., Candidate of Technical Sciences. Electronic Transducers of Mechanical Values and Their Application

115

MANUFACTURING METHODS AND DESIGN

Chernyshev, A.V., Engineer. Application of Program Control in Instrument Manufacture

139

Card 3/6

Instrument Manufacture and Measurement Technique

SOV/4397

Gavrilov, A.N., Doctor of Technical Sciences, Professor, A.N. Kurapov, Candidate of Technical Sciences, and B.A. Khokhlov, Candidate of Technical Sciences. Increasing the Accuracy of Machining on Automatic Lathes and Widening Their Field of Application 162

Gantman, S.A., Candidate of Technical Sciences, V.V. Kolobov, Engineer, and K.A. Kuznetsov, Engineer. Some Ways of Reducing Labor Consumption in the Manufacture of Dies for Cold Pressworking in Instrument Manufacture 190

Yermolayev, P.D., Engineer. Cold Pressworking of Metals in Small-Lot Production 201

Kurnyavko, V. Kh., Engineer. Use of Ultrasonics in Instrument Manufacture 220

Kruglov, A.S., Engineer. Methods of Calibrating Profilometer Scales 235

Golikov, V.I., Candidate of Technical Sciences. Fundamentals of the Calculation for Accuracy in the Machining of Small-Module Gears 256

Maksimikhin, B.A., Engineer. Recent Developments in the Technology of Brazing of Parts in Instrument Manufacture 272

Card 4/6

Instrument Manufacture and Measurement Technique

80V/4397

Belevtsev, A.T., Candidate of Technical Sciences. Automation and Mechanization of Manufacturing Processes in the Production of Variable Wire-Wound Resistors

293

PROBLEMS OF METROLOGY AND MEASUREMENT TECHNIQUE

Shumilovskiy, N.N., Doctor of Technical Sciences, Professor, and L.V. Mel'ttser, Candidate of Technical Sciences. Use of Nuclear Radiation in Measurement Technology

315

Shrayber, D.S., Candidate of Technical Sciences. Present State and Problems of the Development of Flaw-Detection Methods

332

Pavlenko, V.A., Engineer. Basic Trends in the Development of Instruments for the Analysis of the Composition of Materials

364

Sarkin, V.I. Optical-Mechanical Projection-Type Measuring Instruments for Checking Dimensions

377

Card 5/6

Instrument Manufacture and Measurement Technique 80V/4397

Iorish, Yu. I., Doctor of Technical Sciences, Professor. Modern
Methods of Vibration Measurement 396

Fyurstenberg, A.I., Engineer. Oscillographic Methods of Frequency
Measurement 409

Etkin, L.G., Engineer. Dynamic Method for Determining the Moduli
of Elasticity Under High-Temperature Conditions 449

Komarov-Dunayev, I.M., Candidate of Technical Sciences. Metrological
Base in the Selection of Methods for Checking Dimensions 455

AVAILABLE: Library of Congress

Card 6/6

VK/pw/mas
10-24-60

BALAKSHIN, O.B., kand. tekhn. nauk; BYKHOVSKIY, M.L., prof., doktor tekhn. nauk; VOLODIN, Ye.I., kand. tekhn. nauk; GRIGOR'YEV, I.A., kand. tekhn.nauk; DRAUDIN-KRYLENKO, A.T., inzh.; IVANOV, A.G., kand. tekhn.nauk; KOZLOV, M.P., kand. tekhn. nauk; KOROTKOV, V.P., prof.; KOCHENOV, M.I., kand. tekhn.nauk; KUTAY, A.K., kand. tekhn. nauk; MARKOV N.N.,kand. tekhn. nauk; PALEY, M.A., inzh.; RAYEMAN, N.S., kand. tekhn.nauk; ROSTOVYKH, A.Ya., kand. tekn. nauk; RUMYANTSEV, A.V., kand. tekhn.nauk; ~~SARKIN~~ I.G., prof.; SMIRNOV, A.S., inzh.; TAYTS, B.A., prof., doktor tekhn. nauk; YAKUSHEV, A.I., prof., doktor tekhn. nauk; NESTEROV, V.D., inzh., nauchnyy red.; CHUDOV, V.A., inzh., nauchnyy red.; GAVPILOV, A.N., doktor tekhn.nauk, prof., red.; BLAGOSKLONOVA, N.Yu., inzh., red. izd-va; SOKOLOVA, T.F., tekhn. red.

[Manufacture of instruments and means of automatic control: a manual in five volumes] Priborostroenie i sredstva avtomatiki; spravochnik v piati tomakh. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit. lit-ry. Vol.1.[Interchangeability and engineering measurements] Vzaimozameniaemost' i tekhnicheskije izmereniia. 1963. 568 p. (MIRA 16:8)
(Electronic measurements) (Automatic control)

MINSKIY, K.; SARKIN, TS.

There is corn on the counters. Sov.torg. 36 no.12:37-38 D '62.
(MIRA 16:1)
(Moscow--Corn products)

SARKIN, V. I.

Cand Tech Sci

Dissertation: "Microstereoscopic Method for Inspection of the Fineness of Surface."

3/3/50

Moscow Inst of Engineers of Geodesy, Aerial Photography and Cartography

SO Vecheryaya Moskva
Sum 71

SARKIN, V.I.

USSR/Optics - Optical Engineering.

K-4

Abs Jour : Referat Zhur - Fizika, No 3, 1957, 7636

Author : Sarkin, V.I.

Inst :

Title : Interference Comparison Microscopes.

Orig Pub : Izmerit. tekhnika, 1955, No 3, 40-42

Abstract : Description of a microscope for the control of the purity of surface finish, representing two Linnik microinterferometers combined into a single instrument. The interference patterns, one of which is obtained from a standard surface and the other one from the measured surface, are brought together in a common field of view. The instrument is intended for the control of surfaces of class 10 -- 14 cleanness. Photographs of the instrument and rules for its use are given.

Card 1/1

- 13 -

SARKIN, V.I.

Surface roughness of watch parts. Trudy Sem.po kach.poverkh.
no.4:251-258 '59. (MIRA 13:6)
(Clockmaking and watchmaking)

SARKIN, V.I.

Optical mechanical measuring devices used in watchmaking.
Priborostroenie no.5:12-13 My '61. (MIRA 14:5)
(Optical instruments)

SARKIN, V.I.

The MPS stereoscopic microprofilograph. Trudy Sem.po kach.poverkh.
no.5:245-247 '61. (MIRA 15:10)
(Optical instruments)

SARKIN, Vladimir Ivanovich; YEGOROV, V.A., kand. tekhn. nauk,
nauchnyy red.; BAL'YAN, L.G., red.; LAKHMAN, F.Ye.,
tekhn. red.

[Modern opticomemical measuring projectors] Sovremennyye
optiko-mekhanicheskie izmeritel'nye proektory. Moskva,
Standartgiz, 1962. 113 p. (MIRA 16:5)
(Projectors) (Optical instruments)

AM4017080

BOOK EXPLOITATION

S/

Sarkin, Vladimir Ivanovich

Modern optical-mechanical measuring projectors (Sovremennyye optiko-mekhanicheskiye izmeritel'nyye proyektory*) Moscow, Standartgiz, 1962. 116p., illus., append., biblio. 5000 copies printed. Scientific editor: Candidate of technical sciences V. A. Yegorov; Editor: L. G. Bal'yan; Technical editor: F. Ye. Lakhman; Proofreaders: A. P. Yakunichkin, A. G. Starostin

TOPIC TAGS: optical-mechanical measuring instruments, image projection, microscope, magnification, stereoscopic reflection, universal measuring instruments

PURPOSE AND COVERAGE: This book is intended for the OTK personnel in plants and laboratory personnel in scientific-research institutes, for instrument designers, and for students at vtuzes and technicums. The book contains information concerning optical-mechanical projection facilities and methods for dimensional control in machine and instrument building, and descriptions and designs of projection measuring instruments and their basic parts are given. The basic technical characteristics of universal, simple, and special projectors and projection

Card 1/3

AM4017080

instruments, designed for dimensional control during the machine process, are presented. Also, problems of measurement accuracy when projectors are used are discussed, and the control testing of the basic elements of projection measuring instruments is described.

TABLE OF CONTENTS:

Introduction	-- 3
Ch. I. Basic structural elements of optical-mechanical projection measuring instruments	-- 5
Optical part	-- 5
Mechanical part	-- 14
Ch. II. Universal and simple projection measuring instruments	-- 15
Large-size projectors	-- 15
Middle-size projectors	-- 17
Simplified projectors	-- 33
Bench projectors	-- 37
Optical-mechanical measuring microscopes with a projection device	-- 48

Card 2/3

AM4017080

Ch. III. Special projectors -- 52
Ch. IV. Instruments for parts control during machining -- 69
Profile-grinding machines with a projection device -- 69
Portable projectors for control during machining -- 72
Contact-projection and automated instruments -- 74
Ch. V. Parts control with projection measuring instruments -- 81
Attachments to projection measuring instruments -- 81
Methods of measuring on projection measuring instruments -- 86
Ch. VI. Measurement accuracy and control testing of the basic parts of projection
measuring instruments -- 95
Conclusion -- 109
Appendixes -- 111
Literature -- 115

SUB CODE: IE

SUBMITTED: 11Dec62

NR REF SOV: 018

OTHER: 012

DATE ACQ: 20Dec63

Card 3/3

SARKIN, V. I.

Methods and means for checking miniature parts. Priboroostroenie
no. 4:23-26 Ap '64. (MIRA 17:5)

ALEKSANDRAVICIUTE, B.; APALIA, Dz.; BRUNDZA, K.; BAGDONAITIS, A.;
CIBIRAS, L.; JANKEVICIENE, R.; LEKAVICIUS, A.; LUKATTIENE, M.;
LISAITE, B.; MARCINKEVICIENE, J.; NAVASAITIS, A.; PIPINYS, J.;
STARSKIS, P.; STANCEVICIUS, A.; SARKINIENE, I.; MIKEVICIUS, A.,
glav. red.; JANKEVICIUS, K., otv. red.; NATKEVICAITIS-IVANAUSKIENE, M.,
red.; DAGYS, J., red.; ZIEMYTE, E., red.; ANAITIS, J., tekhn. red.

[Flora of the Lithuanian S.S.R.] Lietuvos TSR flora. Red. M. Natkevi-
caite-Ivanauskiene. Vilnius, Valstybine politines ir mokslines
literaturos leidykla. Vol.3. 1961. 661 p. (MIRA 15:3)

1. Lietuvos TSR Mokslu akademija: Vilna, Botanikos institutas.
(Lithuania--Botany)

SARKISAN, A.A.

"The Pathophysiological Characteristics of the Action of Antimalaria Substances." Dr Med Sci, First Moscow Order of Lenin Medical Inst; the Yerevan State Medical Inst, Yerevan, 1954, (KL, No. 3, Jan 55)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12)
SO: Sum. No. 556, 24 Jun 55

SARKISIAN, S.D. [Sarkisyan, S.D.]

Role of the sensory and logical in the process of knowledge
Godishnik mash elekt 8 no. 179-75 '60 (publ. '61).

SARKISOV, A.A. [deceased]

"Khosrovskaya Roshcha," the oldest hunting park of the Armenian
S.S.R. Izv.AN Arm.SSR.Biol.i sel'khoz.nauki 7 no.1:105-106 Ja '54.
(MLBA 9:8)

1. Yerevanskiy zoologicheskiy sad.
(Kotaykskiy District--Forest reserves)

ALESHIN, Vasilii Sergeyevich; SARKISOV, Ashot Arakelovich;
AL'KIMOVICH, A.V., inzh., retsenzent; GREMILOV, D.I.,
kand. tekhn.nauk, retsenzent; DIDEYKIN, T.S., retsen-
zent; BORISHANSKIY, V.M., doktor tekhn. nauk, nauchnyy
red.; SMIRNOV, Yu.I., red.; KRYAKOVA, D.M., tekhn. red.

[Nuclear power reactors] Energeticheskie iadernye reaktory.
Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl.,
1961. 370 p. (MIRA 15:2)

(Nuclear reactors)